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ADHESIVES WITH IMPROVED RIVET PROPERTIES AND LAMINATES USING THE SAME

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ABSTRACT

Acrylate copolymer pressure-sensitive adhesive constructions are described which provide excellent retention of rivet properties. Tenting around rivets is minimized even after undergoing thermal aging while in contact with additive rich films like PVC. This is achieved by the inclusion of a synergistic amount of an N-vinyl lactam monomer and acid monomer with the bulk of the monomers being an alkyl acrylate sate and/or methacrylate esters. A concomitant increase in cohesive strength is also achieved which affords good removal characteristics. The use of appropriate adhesive blends is further disclosed which allows retention of these features while also improving cold temperature properties